

Converting Colors

CIELCh(80, 25.424, 66.494)

Have a look what the booklet for
CIELCh(80, 25.424, 66.494) contains.

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Color

CIELCh(80, 25.424, 66.494)

Conversions

Conversions Part 1

Format	Color
Hex	E9BF9C
RGB	233, 191, 156
RGB Percent	91%, 75%, 61%
CMY	0.0882, 0.2528, 0.3900
CMYK	0.00, 0.18, 0.33, 0.09
HSL	27°, 63%, 76%
HSV	27°, 33%, 91%
XYZ	57.9323, 56.6813, 39.1378
YIQ	199.5680, 36.2670, -1.9810

Conversions

Conversions Part 2

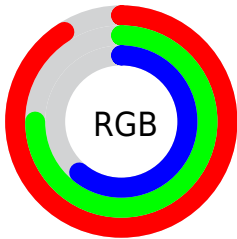
Format	Color
R _Y B	233, 220, 156
Decimal	15318940
CIE Lab	80.00, 10.14, 23.31
CIE LCh	80, 25.424, 66.494
Yxy	56.6813, 0.3768, 0.3687
Android (android.graphics.Color)	4293509020 (0xFFE9BF9C)
YUV	199.5680, -21.4790, 29.3199
Hunter-Lab	75.2870, 5.6012, 21.8791

Details

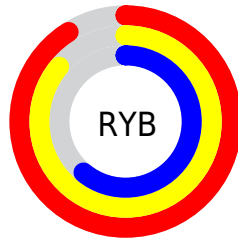
The CIELCh color **80, 25.424, 66.494** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 22.543, 255.545**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 18.536, 99.497**, and **60, 25.229, 66.814** is the 20% darker color. If you saturate the color by 10%, you get **76, 34.043, 65.356**, and if you desaturate by 10%, it is **84, 17.253, 67.652**.

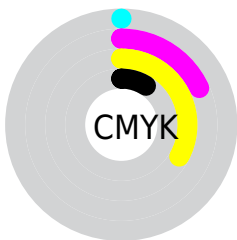
Distribution



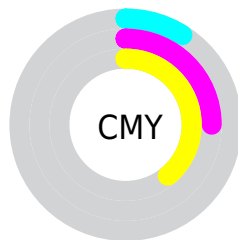
- Red (91%)
- Green (75%)
- Blue (61%)



- Red (91%)
- Yellow (86%)
- Blue (61%)



- Cyan (0%)
- Magenta (18%)
- Yellow (33%)
- Black (9%)



- Cyan (9%)
- Magenta (25%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 25.424, 66.494 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 80, 25.424, 66.494 by changing the saturation by 10% instead.

 80, 25.424, 66.494

 80, 25.424, 66.494

 100, 25.424,
66.494

 70, 25.424, 66.494

 60, 25.424, 66.494

 50, 25.424, 66.494

 40, 25.424, 66.494

 30, 25.424, 66.494

 20, 25.424, 66.494

 10, 25.424, 66.494

 0, 25.424, 66.494

 80, 25.424, 66.494

 80, 25.424, 66.494

76, 34.043, 65.356

84, 17.253, 67.652

73, 43.079, 64.217

87, 9.517, 68.794

70, 52.421, 63.061

91, 2.188, 69.793

67, 61.785, 61.818

95, 4.775, 251.235

64, 70.573, 60.317

98, 7.331, 203.310

61, 77.721, 58.225

98, 7.688, 199.005

59, 81.453, 56.412

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



80, 25.424, 66.494



78, 22.543, 255.545

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80, 25.424, 66.494



80, 25.424, 116.494



80, 25.424, 246.494



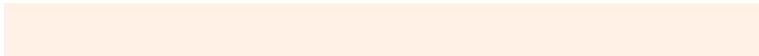
80, 25.424, 296.494

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



80, 25.424, 66.501



96, 7.766, 69.133



73, 36.170, 344.023



51, 5.319, 68.977



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80, 25.424, 66.501



84, 33.780, 65.687



90, 37.423, 104.735



47, 4.116, 69.197



47, 67.251, 57.072



12, 22.252, 56.112

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



78, 22.543, 255.545



82, 29.080, 257.125



68, 40.302, 292.457



47, 3.998, 251.598



42, 50.870, 279.170



10, 19.032, 270.604

Previews

White Background



This preview shows how the CIELCh color 80, 25.424, 66.494 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 80, 25.424, 66.494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

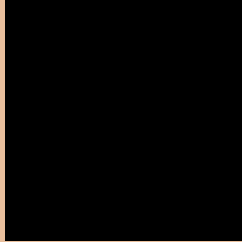
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 25.424, 66.494

Background



This preview shows how black text looks on a background with the CIELCh color 80, 25.424, 66.494.



This preview shows how white text looks on a background with the CIELCh color 80, 25.424, 66.494.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

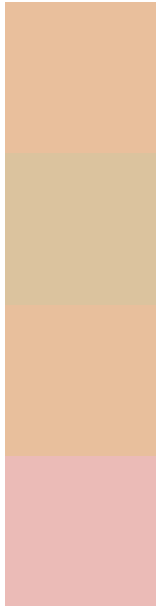
Dichromacy





Tritanopia
80, 20.842, 0.420

Trichromacy



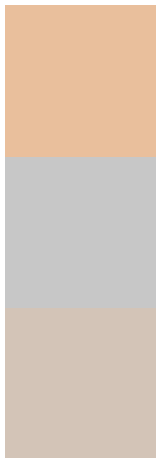
Original Color
80, 25.424, 66.494

Protanomaly
80, 21.911, 82.371

Deuteranomaly
80, 25.139, 67.168

Tritanomaly
80, 18.731, 27.307

Monochromacy



Original Color
80, 25.424, 66.494

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 8.955, 69.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 25.424, 66.494 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(233, 191, 156)` looks like.

```
.text, #text, p{  
    color:rgb(233, 191, 156)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(233, 191, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 191, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 25.424, 66.494 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 191, 156) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(233, 191, 156) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(233, 191, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 191, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 191, 156); box-shadow:4px 4px 4px 4px rgb(233, 191, 156) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 25.424, 66.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 191, 156) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(233,  
191, 156) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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